

BattleSpace Information and Notification Through Adaptive Heuristics (BINAH)

The warfighter is being overwhelmed with data arriving from multiple sensor sources. The goal of BINAH is to allow user context information to be automatically configured in a way that speeds and improves the transformation of data into knowledge and improve cognitive readiness.

Objectives:

- Define and model warfighter context.
- Develop an automatic information delivery configuration prototype based upon SOAR Technologies agent-based architecture
- Develop adaptive display technology and qualitative temporal-spatial reasoning to support Level 2+ information fusion.
- Develop heuristic formalism for reasoning over multiple levels and types of contextual information in structured language of domain.
- Demonstrate technology for time-sensitive

Intelligent Agent Architecture for Value Added Data Transformations

